

Alaska Center for Climate and Health - E-News
Raising Awareness about Climate Change Impacts on Public Health
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Northern Wildfires Threaten Runaway Climate Change, Study Reveals - *ScienceDaily* (December 6, 2010) Over the past 10 years, burned area has doubled in interior Alaska, mostly because of increased burning late in the fire season. This not only impacts carbon storage, but also will accelerate permafrost loss and changes in forest cover. More severe burning also raises a number of health concerns, as fire emissions contain mercury and particulate matter that can cause respiratory issues. [Read Story](#)

Inuit experience tells us adaptation is key to the future - *Edmonton Journal* (December 16, 2010) This article by film maker Zacharias Kunuk (*The Fast Runner*) is a personal reflection on growing up Inuit, adapting to a changing world, and lessons of Inuit traditional knowledge. "Inuit experience tells us that the only constant is change itself, and adaptation is the key to a successful human future." [Read Story](#). Zacharias Kunuk produced the recently released film, *Inuit Knowledge and Climate Change*. [See Film Trailer](#)

Earth's lakes are warming, NASA study finds (November 29, 2010) - NASA researchers have determined that the Earth's largest lakes have warmed during the past 25 years in response to climate change. The results have implications for lake ecosystems. Small changes in water temperature can result in algal blooms that can make a lake toxic to fish or result in the introduction of non-native species that change the lake's natural ecosystem. [Read Story](#)

Warming means Arctic ringed seals face uncertain future - *Associated Press* (December 12, 2010) When a female ringed seal gives birth in a cave scratched out of snow, the clock starts ticking for her pup's survival. The pup has three to seven weeks to grow a blubber layer that will let it survive icy Arctic waters and freezing outside temperatures. Projections of a warmer Arctic means sea ice will form later in winter and melt sooner in spring, retaining less snow. Less snow means insufficient shelter, making pups vulnerable. [Read Story](#)

Alaska Climate Events Map, Weekly Updates – *ANTHC* (December 15, 2010) wolves culled, Juneau gale, fishery changes, orphaned Kodiak cubs [See Our Google Map](#)

The Climate and Health E-News is received around the circumpolar north by people who are interested in climate change impacts on health. If you have an observation or an update you would like to include in our *Climate Events Map*, please send a message to mbrubaker@anthc.org. To join the E-News mailing list, just respond to this message with your contact (e-mail/name/location) information. Click [here](#) to find past issues of E-News archived at the [University of Alaska's Arctic Health website](#).

Regards - Mike

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